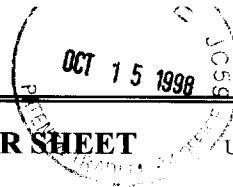


10-23-1998



FORM PTO-1595



COVER SHEET

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

100859396

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): **Richard Dennis Gitlin, Howard C. Huang, Laurence Eugene Mailaender, Reinaldo A. Valenzuela**
Additional name(s) of conveying party(ies) attached?
 Yes No

2. Name and address of receiving party(ies)

Name: **Lucent Technologies Inc.**

Internal Address:

10-15-98

Street Address: **600 Mountain Avenue
P.O. Box 636**

City: **Murray Hill** State: **NJ** ZIP: **07974-0636**

Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other

Execution Date: **August 20 and 25, 1998**

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s) B. Patent No.(s)

U.S.S.N. 09/138,465, filed August 21, 1998

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: **Joseph B. Ryan**

Internal Address: **Ryan & Mason, L.L.P.**

Street Address: **90 Forest Avenue**

City: **Locust Valley** State: **NY** ZIP: **11560**

6. Total number of applications and patents involved: 1

7. Total Fee (37 CFR 3.41)..... \$ 40.00

Enclosed

Authorized to be charged to deposit account

8. Deposit account number **12-2325**

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Kevin M. Mason

Kevin M. Mason

October 13, 1998

Reg. No. 36,597

Signature

Date

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Total number of pages including cover sheet, attachments, and document: 6

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Gitlin 42-8-3-10

PATENT
REEL: 9521 FRAME: 0011

ASSIGNMENT AND AGREEMENT

For value received, we, Richard Dennis Gitlin, of Little Silver in the County of Monmouth and State of New Jersey, Howard C. Huang of Red Bank in the County of Monmouth and State of New Jersey, Laurence Eugene Mailaender of Hoboken in the County of Hudson and State of New Jersey and Reinaldo A. Valenzuela, of Holmdel in the County of Monmouth and State of New Jersey, hereby sell, assign and transfer to Lucent Technologies Inc., a corporation of the State of Delaware, having an office at 600 Mountain Avenue, P.O. Box 636, Murray Hill, New Jersey 07974-0636, U.S.A., and its successors, assigns and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions related to **METHOD AND APPARATUS FOR REDUCING COCHANNEL INTERFERENCE IN A MIXED-RATE COMMUNICATION SYSTEM**, described in an application for Letters Patent of the United States executed by us of even date herewith, and all the rights and privileges in said application and under any and all Letters Patent that may be granted in the United States for said inventions; and we also concurrently hereby sell, assign and transfer to Lucent Technologies Inc. the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

We authorize Lucent Technologies Inc. to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from us, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of Lucent Technologies Inc. to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

We request that any and all patents for said inventions be issued to Lucent Technologies Inc. in the United States and in all countries foreign to the United States, or to such nominees as Lucent Technologies Inc. may designate.

We agree that, when requested, we shall, without charge to Lucent Technologies Inc. but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

Richard Dennis Gitlin
Richard Dennis Gitlin

Date: 8/25/98

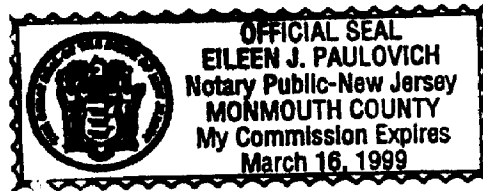
United States of America)

State of New Jersey) ss.: 123.34.6101

County of Monmouth)

On this 25 day of Aug, 1998, before me personally came Richard Dennis Gitlin, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Eileen J. Paulovich
Notary Public



Howard C. Huang

Howard C. Huang

Date: 8-20-98

United States of America)

State of N.J.) ss.: 051-30-7571

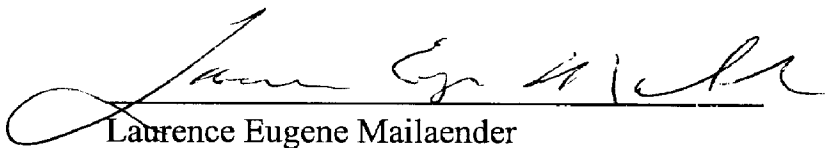
County of Monmouth)

On this 20 day of August, 1998, before me personally came Howard C. Huang, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

John M. Sheehan

Notary Public

**MY COMMISSION EXPIRES
2-13-2002**



Laurence Eugene Mailaender

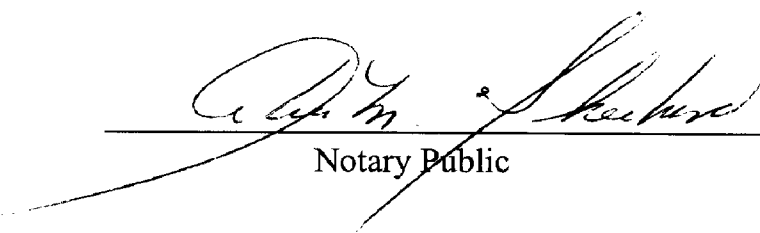
Date: 8/20/98

United States of America)

State of N.J.) ss.: 051-30-7571

County of Monmouth)

On this 20 day of August, 1998, before me personally came Laurence Eugene Mailaender, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



Notary Public

**MY COMMISSION EXPIRES
2-13-2002**

RAV

Reinaldo A. Valenzuela

Date: 8/20/98

United States of America)

State of N.Y.) ss.: 057 - 30 - 7571

County of Yonkers)

On this 20 day of August, 1998, before me personally came Reinaldo A. Valenzuela, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

[Signature]

Notary Public

**MY COMMISSION EXPIRES
8-15-2002**

Ryan & Mason, L.L.P.
66 Midway Avenue
Locust Valley, NY 11560